| Ref<br># | Hits | Search Query                         | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--------------------------------------|---|---------------------|---------|------------------|
| S1       | 1261 | (375/341).CCLS.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2006/09/03 12:57 |
| S2       | 2    | ("6209209").PN.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR .                | OFF     | 2006/09/03 12:59 |
| S3       | 50   | Hori and @pd="20010327"              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/09/03 12:59 |
| S4       | 2    | S3 and viterbi                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON ·    | 2006/09/03 12:59 |
| S5       | 2398 | viterbi and (path near3 metric)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/09/04 13:03 |
| S6       | 11   | S5 and (adjustab\$5 near2 threshold) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/09/04 13:39 |
| S7       |      | ("5341387").PN.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2006/09/04 13:39 |
| S8       | 1    | (US-5341387-\$).did.                 | USPAT   | OR                  | ON      | 2006/09/04 13:40 |
| S9       | 0    | S8 and S6                            | USPAT   | OR                  | ON      | 2006/09/04 13:40 |
| S10      | 1    | S8 and "threshold"                   | USPAT   | OR                  | ON      | 2006/09/04 14:55 |
| S11      | 58   | S5 and butterfly                     | USPAT   | OR                  | ON      | 2006/09/04 14:55 |
| S12      | 31   | S11 and (number near4 metric)        | USPAT   | OR.                 | ON      | 2006/09/04 18:42 |

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| S13 | 7     | S12 and @pd<"20010123"                           | USPAT   | OR   | ON   | 2006/09/04 18:33 |
| S14 | 565   | S5 and (state adj2 transition)                   | USPAT . | OR   | ON   | 2006/09/04 15:21 |
| S15 | 262   | S14 and @pd<"20010123"                           | USPAT   | OR   | ON   | 2006/09/04 15:33 |
| S16 | 15    | S15 and (power near3 "2")                        | USPAT   | OR   | ON   | 2006/09/04 15:25 |
| S17 | 7     | S15 and (power adj3 "2")                         | USPAT   | OR   | ON   | 2006/09/04 15:29 |
| S18 | 5     | S5 and (threshold with power with "2")           | USPAT - | OR   | ON   | 2006/09/04 15:32 |
| S19 | 0     | S5 and ("threshold is" with power with "2")      | USPAT   | OR   | ON   | 2006/09/04 15:32 |
| S20 | 0     | viterbi and ("threshold is" with power with "2") | USPAT   | OR   | ON   | 2006/09/04 15:32 |
| S21 | 0     | viterbi and ("threshold is" same power same "2") | USPAT   | OR   | ON   | 2006/09/04 15:34 |
| S22 | 154   | viterbi and (threshold same power same "2")      | USPAT   | OR   | ON   | 2006/09/04 15:33 |
| S23 | 53    | S22 and @pd<"20010123"                           | USPAT   | OR   | ON   | 2006/09/04 15:36 |
| S24 | 2     | ("threshold is" same power same "2")             | USPAT   | OR   | ŌΝ   | 2006/09/04 15:35 |
| S25 | 0     | ("threshold is" with power with "2")             | USPAT   | OR   | ON   | 2006/09/04 15:35 |
| S26 | 3072  | (threshold with power with "2")                  | USPAT   | OR - | ON   | 2006/09/04 15:35 |
| S27 | 1785  | S26 and @pd<"20010123"                           | USPAT   | OR   | ON   | 2006/09/04 15:40 |
| S28 | 6     | S27 and trellis                                  | USPAT   | OR   | ON   | 2006/09/04 15:39 |
| S29 | 17    | S27 and viterbi                                  | USPAT   | OR   | ON   | 2006/09/04 15:39 |
| S30 | . 0   | S20 and "power of 2"                             | USPAT   | OR   | ON   | 2006/09/04 15:40 |
| S31 | 0     | "power of 2"                                     | USPAT   | OR   | ON   | 2006/09/04 15:40 |
| S32 | 0     | "power of 2"                                     | USPAT   | OR . | ON   | 2006/09/04 15:40 |
| S33 | 56959 | Power near2 "2"                                  | USPAT   | OR   | ON . | 2006/09/04 15:40 |
| S34 | 448   | S33 and (viterbi or trellis)                     | USPAT   | OR   | ON   | 2006/09/04 15:40 |
| S35 | 185   | S34 and @pd<"20010123"                           | USPAT   | OR   | ON   | 2006/09/04 16:51 |
| S36 | 77    | S35 and threshold                                | USPAT   | OR   | ON   | 2006/09/04 15:50 |
| S37 | 1     | (US-4879729-\$).did.                             | USPAT   | OR   | ON   | 2006/09/04 15:50 |
| S38 | 41    | S36 and (threshold same power)                   | USPAT   | OR   | ON   | 2006/09/04 15:51 |
| S39 | 21    | S36 and (threshold near7 power)                  | USPAT   | OR   | ON   | 2006/09/04 16:00 |
| S40 | 370   | (logic near3 value) near3 "OR"                   | USPAT   | OR   | ·ON  | 2006/09/04 16:01 |
| S41 | 3     | S40 and viterbi                                  | USPAT   | OR   | ON   | 2006/09/04 16:01 |
| S42 | 1     | (US-5907586-\$).did.                             | USPAT   | OR   | ON   | 2006/09/04 16:48 |
| S43 | . 4   | S5 and ((number near3 decision)<br>SAME SNR)     | USPAT   | OR   | ON   | 2006/09/04 16:51 |
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| S44 | 23   | S5 and (decision adj2 depth) and SNR                    | USPAT   | OR . | ON  | 2006/09/04 16:51 |
| S45 | 6    | S44 and @pd<"20010123"                                  | USPAT   | OR   | ON  | 2006/09/04 16:52 |
| S46 | 21   | S11 and @pd<"20010123"                                  | USPAT   | OR   | ON  | 2006/09/04 18:33 |
| S47 | 2642 | viterbi and (path near3 metric)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2007/05/05 18:14 |
| S48 | 922  | S47 and @pd<"20010123"                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON  | 2007/05/05 19:48 |
| S49 | 0    | S48 and ((path near3 metric) with (logical near3 "OR")) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2007/05/05 18:51 |
| S50 |      | S48 and ((path near3 metric) same (logical near3 "OR")) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2007/05/05 18:18 |
| S51 | 9    | S48 and ((path near3 metric) and (logical near3 "OR"))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2007/05/05 18:19 |
| S52 | . 6  | S48 and ((path near3 metric) with "OR")                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2007/05/05 18:51 |
| S53 | . 1  | (US-5991341-\$).did.                                    | USPAT   | OR   | ON  | 2007/05/05 19:07 |
| S54 | 1    | (US-5991341-\$).did.                                    | USPAT   | OR   | ON  | 2007/05/05 19:08 |
| S55 | 617  | (375/265).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/05/05 19:47 |

| S56 | 168  | S55 and @pd<"20010123"                            | US-PGPUB;   | OR | ON | 2007/05/05 19:48 |
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|     |      |   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              |    |    |                  |
| S57 | 2642 | viterbi and (path near3 metric)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/05 19:48 |
| S58 | 61   | S56 and S57                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/05 19:48 |
| S59 | 22   | (traeber).in.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/08 16:58 |
| S60 | 194  | (viterbi and decod\$3 and branch and memory).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/08 16:58 |
| S61 | 1    | S60 and (logic near2 high).clm.                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/08 16:59 |
| S62 | 3    | S59 and S60                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/08 16:59 |
| S63 | 1    | S59 and S61                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/08 17:03 |

| S64 | 3785 | ((375/341,262,265) or (714/795,<br>792,796) or (704/242)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF | 2007/09/08 17:03 |
|-----|------|---|---|------|-----|------------------|
| S65 | . 4  | S64 and S59   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON  | 2007/09/08 17:03 |
| S66 | 1    | S64 and S61   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON  | 2007/09/08 17:03 |